

## Abstract

The invention relates to a composite particle made of carrier particles having an average diameter of less than 5  $\mu\text{m}$ . Said particle composite is surrounded by a layer made of oxidic material having an irregular surface. Particles, which are made of an active material and which have an average diameter of less than 1  $\mu\text{m}$  are applied to said layer. The composite particle can be used as a filling substance in polymers and enables the content of active material for comparable properties to be reduced or improves the properties of filled materials, e.g. resistance to aging of elastomers.